

## *Iranoidricerus iranensis*, little known ascalaphid species in South East Turkey (Planipennia)

Muhabbet Kemal <sup>1</sup> Erdem Seven <sup>2</sup>

**Abstract:** *Iranoidricerus iranensis*, little known ascalaphid species in South East Turkey (Planipennia) . *Cesa News* 70: 1-2, 1 fig, 1 map.

In this short paper, second faunistical record of *Iranoidricerus iranensis* is reported from Siirt Province (SE Turkey) with a distributional map. Brief ecological, morphological information of the collected specimen is given with an illustration.

**Key words:** *Planipennia*, *Ascalaphidae*, *Iranoidricerus iranensis*, fauna, Turkey.

The species, *Iranoidricerus iranensis*, was described by Kimmins (1938) from Lorestan (Iran) as “*Ptyngidricerus iranensis*”, and transferred by Abraham & Meszaros (2002) to the genus *Iranoidricerus*. Faunistically, it was recorded in South East Turkey for the first time in Van Province (Çatak) by Kemal & Koçak (2006). In 2009, second author captured one specimen of this species at a light trap near to the Şirvan city of the Siirt Province. The captured specimen (**Fig.1**) has no significant difference in colouration and maculation from the Çatak example. Forewing: 37mm; wing expanse: 75mm.

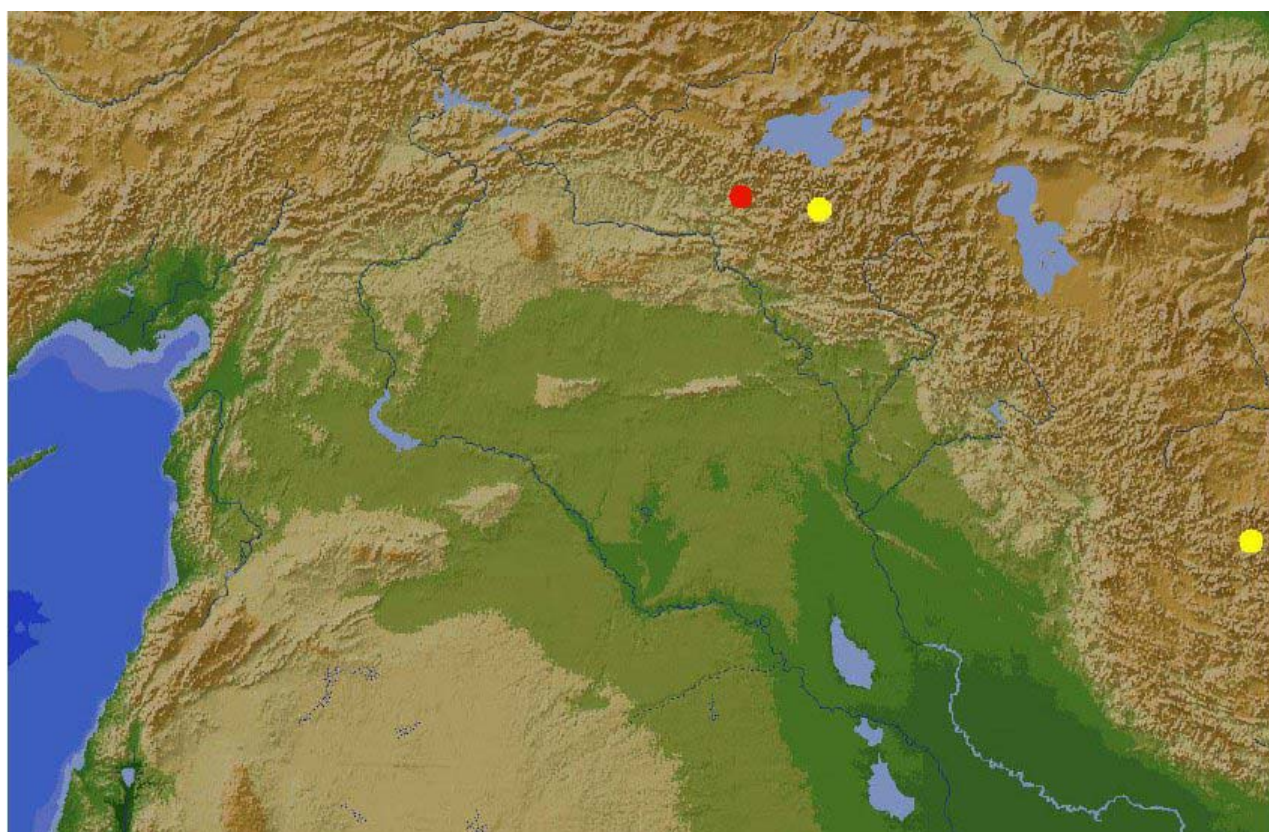
This is the western-, and northernmost locality of the species in Turkey (**Map 1**). The species is apparently rare, nocturnal, and flies in hot summer period. Adult phenology appears as late July- early August. Habitat of the adult: Rocky slopes with dried grasses, scrubs, sporadic oaks. Distribution in Turkey: Recorded in two provinces, Van and Siirt (here) between 1000-1200m.

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**Fig. 1** - *Iranoidricerus iranensis* (Ascalaphidae), Turkey Siirt Prov., Şirvan 1000m, 28 2009 E Seven leg, photo A Koçak (Cesa)



**Map 1**- Distribution of *Iranoidricerus iranensis* (Ascalaphidae). Yellow marking older records, red one Şirvan record in Siirt Province.

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## On the distribution and biology of *Orthosia rubricosa* (Esper,[1786]) in Turkey (*Lepidoptera*, *Noctuidae*)

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**Abstract:** On the distribution and biology of *Orthosia rubricosa* (Esper,[1786]) in Turkey (*Lepidoptera*, *Noctuidae*). *Cesa News* 70: 3-5, 2 figs. 1 map.

In this paper, short information on the early stages and provincial distribution of the *Orthosia rubricosa* are given. The material obtained in Mutki district of Bitlis province, East Turkey. Larval food-plant *Rumex angustifolius* is reported in Turkey for the first time. Caterpillar, pupa, and adult insect are illustrated. Distributional information is given on map of Turkey.

**Key words:** *Lepidoptera*, *Noctuidae*, *Orthosia rubricosa*, biology, distribution, Turkey.

In this short notes early stage, and the provincial distribution of *Orthosia rubricosa* (Esper,[1786]) (= *miniosa* Denis & Schiffermüller) are given. A single caterpillar was found by the author on *Rumex angustifolius* Campd. (*Polygonaceae*) (**Fig. 1**) during his field studies at Alatoprak (Mutki, Bitlis) on 26.05.2010. The reared caterpillar in the room conditions pupated on 07.06.2010. The adult emerged in the last week of March of 2011, and identified by author (**Figs. 1-2**).

Totally 10 species from *Orthosia* Ochs., 1816 have been recorded in Turkey so far. These are as follows; *Orthosia (Dioszeghyana) schmidtii* (Dioszeghy, 1935), *O. (Monima) cerasi* (Fabricius, 1775), *O. (Monima) dalmatica* (Wagner, 1909), *O. (Monima) populeti* (Fabricius, 1781), *O. (Monima) pulverulenta* (Esper,[1786]), *O. (Semiophora) gothica* (Linnaeus, 1758), *O. (s.str.) incerta* (Hufnagel, 1766), *O. cypriaca* Hacker, 1996, *O. gracilis* (Fabricius, 1787), and *O. rubricosa* (Esper,[1786]). Three species of them were previously recorded in Bitlis., i.e., *Orthosia (Monima) pulverulenta* (Esper,[1786]), *O. (Semiophora) gothica* (Linnaeus, 1758) and *O. rubricosa* (Esper,[1786]) (Koçak & Kemal, 2009).

The early stages of this species in Turkey are also poorly known. In Europe, larval food plants are reported as *Quercus*, *Paliurus*, and *Rosa* (see references). Kemal & Koçak (2008) reported food-plant of the caterpillar of this species as *Quercus* from Buğlan Pass in the Muş Province. In the present paper, *Rumex angustifolius* (*Polygonaceae*) is reported as larval food-plant of *O. rubricosa* in Turkey for the first time.

The present species is recorded only in 17 provinces of Turkey (20.98% of total 81 provinces) (Koçak & Kemal, 2009). Codes of these provinces are: 05 06 07 09 11 13 17 30 33 43 46 49 56 58 62 63 65 (**Map 1**).

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**Fig.1** - Caterpillar of *Orthosia rubricosa* on *Rumex* plant on 26 May 2010 and pupa on 7 June 2010, photo K. Akin



**Fig.2** - Emergent moth (male), *Orthosia rubricosa*, late March 2011, photo K. Akin



**Map 1** - The distribution of *Orthosia rubricosa* in Turkey. Recorded provinces are mentioned with their numeric codes.

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